

SCOTT[™] Homeland Security Gas Mixtures

Toxic Industrial Chemicals



Team SCOTT at Air Liquide works with the U.S. Military, national laboratories, research institutions and private industry to create gas mixtures used to develop and calibrate a variety of instruments for detecting and protecting against Toxic Industrial Chemicals (TICs) and Chemical Warfare Agents (CWAs). SCOTT Homeland Security mixtures are guaranteed to facilitate fast, on-scene and autonomous detection, identification and quantification of TICs and CWAs.

Benefits and Features

- Guaranteed mixture accuracy ensures accurate instrument calibration
- Online Certificates of Accuracy and MSDS information help improve record keeping
- Over 40 standard mixtures available
- Simulated exhaust, cigarette smoke and other custom mixtures available
- Expert technical support from experienced specialists
- Online supply chain management reduces administration costs
- Faster product time-to-market
- Improve quality control and worker safety
- Ensure regulatory compliance
- High-performance gas handling equipment in stock to protect gas integrity and purity

Homeland Security Gas Mixtures

Toxic Industrial Chemicals

Team SCOTT

While numerous standard mixtures are readily available, our Solutions Center also works with customers to develop custom gas mixtures and delivery equipment that meet highly specialized application requirements.

Team SCOTT at Air Liquide is the sole-source producer of gaseous SRM candidates for the National Institute of Standards and Technology (NIST) and is the world's largest supplier of EPA protocol gases. We are a global supplier of pure and mixed gases for applications that include natural gas, environmental, laboratory, industrial and petrochemical applications.

Available Compounds

- | | |
|---------------------|---------------------|
| ■ Acrolein | ■ Hydrogen chloride |
| ■ Acrylonitrile | ■ Hydrogen cyanide |
| ■ Ammonia | ■ Hydrogen fluoride |
| ■ Arsine | ■ Hydrogen sulfide |
| ■ Chlorine | ■ Nitrogen oxide |
| ■ Cyanogen chloride | ■ Phosgene |
| ■ DMMP | ■ Phosphine |
| ■ Ethylene oxide | ■ Sulfur dioxide |
| ■ Formaldehyde | |

Call our Solutions Center for additional compound possibilities 800-217-2688

We design and build custom gas delivery systems for safe, efficient handling of even the most toxic gases

As the leading world supplier of high-purity and blended specialty gases, SCOTT equipment specialists understand the performance dynamics of equipment needed to handle specialty gases efficiently, effectively and safely. We can design and build custom gas delivery systems for safely handling even toxic gases such as phosgene and cyanogen chloride.



Our gas safety cabinets, changeover manifolds (shown above), pressure regulators and high-flow shut-off valves are just a few of the many equipment options available.

Contact us today to discuss your custom application.

Markets We Serve

- Automotive emissions testing
- Environmental air monitoring
- Food and pharmaceutical
- Homeland security
- Hydrocarbon and natural gas
- Industrial process control
- Industrial safety and hygiene
- Laboratory and scientific
- Law enforcement
- Petrochemical



Cabinet with ChangeOver Manifold

Equipment items can be purchased online at scottgas.com. Most are in stock for same-day shipping.



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Founded in 1902, Air Liquide is the world leader in industrial and medical specialty gases and related services, providing innovative solutions for the manufacture of everyday products and for the protection of life.

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